SEQUENCE LISTING

<110> Gad, Alexander Lis, Doris

<120> COPOLYMER 1 RELATED POLYPEPTIDES FOR USE AS MOLECULAR WEIGHT MARKERS AND FOR THERAPEUTIC USE

<130> 2609/60807-A-PCT-US

<140> 09/816,989

<141> 2001-03-23

<150> 60/101,693

<151> 1998-09-25

<150> PCT/US99/22402

<151> 1999-09-24

<160> 7

<170> PatentIn version 3.1

<210> 1

<211> 35

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Peptide

<400> 1

Ala Lys Lys Tyr Ala Lys Lys Glu Lys Ala Ala Lys Lys Ala Tyr Lys 10 15

Lys Glu Ala Lys Ala Lys Ala Ala Glu Ala Ala Ala Lys Glu Ala Ala

Tyr Glu Ala 35

<210> 2

<211> 45

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Peptide

<400> 2

Ala Lys Lys Tyr Ala Lys Lys Ala Lys Ala Glu Lys Ala Lys Lys Ala 1 5 10 15

Tyr Lys Ala Ala Glu Ala Lys Lys Ala Ala Lys Tyr Glu Lys Ala Ala 20 25 30

Ala Glu Lys Ala Ala Ala Lys Glu Ala Ala Tyr Glu Ala 35 40 45

<210> 3

<211> 56

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Peptide

<400> 3

Ala Lys Lys Tyr Ala Lys Lys Glu Lys Ala Tyr Ala Lys Lys Ala Glu 1 5 10 15

Lys Ala Ala Lys Lys Ala Glu Ala Lys Ala Tyr Lys Ala Ala Glu Ala 20 25 30

Lys Lys Lys Ala Glu Ala Lys Tyr Lys Ala Glu Ala Ala Lys Ala Ala 35 40 45

Ala Lys Glu Ala Ala Tyr Glu Ala 50 55 <210> 4

<211> 66

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Peptide

<400> 4 .

Ala Lys Lys Tyr Ala Lys Lys Glu Lys Ala Tyr Ala Lys Ala Lys Lys 1 5 10 15

Ala Glu Ala Lys Ala Lys Lys Ala Lys Ala Glu Ala Lys Lys Tyr 20 25 30

Ala Lys Ala Ala Lys Ala Glu Lys Lys Glu Tyr Ala Ala Ala Glu Ala 35 40 45

Lys Tyr Lys Ala Glu Ala Ala Lys Ala Ala Lys Glu Ala Ala Tyr 50 60

Glu Ala 65

<210> 5

<211> 77

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Peptide

<400> 5

Ala Lys Lys Tyr Ala Lys Lys Glu Lys Ala Tyr Ala Lys Lys Ala Glu 1 5 10 15

Lys Ala Ala Lys Lys Ala Glu Ala Lys Ala Tyr Lys Ala Ala Glu Ala 20 25 30

Lys Lys Lys Ala Lys Ala Glu Ala Lys Lys Tyr Ala Lys Ala Ala Lys
35 40 45

Ala Glu Lys Lys Glu Tyr Ala Ala Ala Glu Ala Lys Tyr Lys Ala Glu 50 55 60 Ala Ala Lys Ala Ala Ala Lys Glu Ala Ala Tyr Glu Ala 65 70 75

<210> 6

<211> 86

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Peptide

<400> 6

Ala Lys Lys Tyr Ala Lys Lys Glu Lys Ala Tyr Ala Lys Lys Ala Glu 1 5 10 15

Lys Ala Ala Lys Lys Ala Glu Ala Lys Ala Tyr Lys Ala Ala Glu Ala 20 25 30

Lys Lys Lys Ala Lys Ala Glu Ala Lys Lys Tyr Ala Lys Ala Ala Lys 35 40 45

Ala Glu Lys Lys Glu Tyr Ala Ala Ala Glu Ala Lys Tyr Lys Ala Glu 50 55 60

Ala Ala Lys Lys Ala Tyr Lys Ala Glu Ala Ala Lys Ala Ala Ala Lys 65 70 75 80

Glu Ala Ala Tyr Glu Ala 85

<210>

<211> 109

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic Peptide

<400> 7

Ala Lys Lys Tyr Ala Lys Lys Ala Glu Lys Ala Tyr Ala Lys Lys Ala 1 5 10 15

Lys Ala Ala Lys Glu Lys Lys Ala Tyr Ala Lys Lys Glu Ala Lys Ala

Tyr Lys Ala Ala Glu Ala Lys Lys Lys Ala Lys Ala Glu Ala Lys Lys 40 45

Tyr Ala Lys Glu Ala Ala Lys Ala Lys Lys Glu Ala Tyr Lys Ala Glu 50 60

Ala Lys Lys Tyr Ala Lys Ala Ala Lys Ala Glu Lys Lys Glu Tyr Ala 65 70 75 80

Ala Ala Glu Ala Lys Lys Ala Glu Ala Ala Lys Ala Tyr Lys Ala Glu 85 90 95

Ala Ala Lys Ala Ala Lys Glu Ala Ala Tyr Glu Ala 100 105